

Certificate of Analysis

Date of Testing: 2025-03-03 14:48:06

Date of Next Testing: 2029-03-02 14:48:06

Product Name: **Magnesium chloride hexahydrate**

CAS Number: 7791-18-6

Specifications & Purity: AR

Lot #: B2528506

SKU #: **M116331**

Version: **3**

Analysis #: **427911**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Barium and strontium(as Ba)	0-0.005 (%)	0.00 %
Phospate(PO4)	0-0.001 (%)	0.00 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Total Nitrogen	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.05 (%)	0.00 %
Assay(Complexometric EDTA)	98-102.5 (%)	102.09 %
Solubility in EtOH , clear,50mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager